

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-16 (Cancelled)

Claim Amendments as proposed by client

17. (Currently Amended) A hearing aid system for the in-situ fitting of hearing aids, said system comprising

a hearing aid, said hearing aid having a microphone, a signal processor for processing an output from said microphone, a digital amplifier for amplifying an output from said signal processor, an output transducer for converting into sound an output from said digital amplifier, and a control signal receiver means,

a control device, said control device being adapted for communication with said control signal receiver means for selective generation and feeding of a test signal to said output transducer ~~of test signals,~~

a voltage dividing network adapted to cooperate with said digital amplifier so as to attenuate said test signal as fed to said output transducer,

and switch means for optionally switching between a first position and a second position, said switch means acting in said first position to connect said voltage dividing network to attenuate said test signal, and said switch means acting in said second position to bypass said voltage dividing network in order to feed said test signal directly to said output transducer.

18. (Previously Presented) The hearing aid system according to claim 17, wherein said control device is adapted to supply power to said hearing aid while said control device is in communication with said hearing aid.

19. (Previously Presented) The hearing aid system according to claim 17, wherein said control device is adapted for communication with said control signal receiver means by way of a cordless connection.

20. ~~(New) The hearing aid system according to claim 17, wherein said hearing aid is a digital hearing aid.~~ (Cancel)

21. (Previously Presented) The hearing aid system according to claim 17, wherein said voltage dividing network comprises at least two fixed value resistors.

22. (Currently Amended) The hearing aid system according to claim 17, wherein said ~~output signal is delivered by an~~ digital amplifier comprises a digital/analog converter.

23. (Currently Amended) The hearing aid system according to claim 17, wherein said ~~output signal is delivered by~~ digital amplifier comprises a switching amplifier.

24. (Currently Amended) The hearing aid system according to claim 17, wherein said ~~output signal is delivered by~~digital amplifier comprises a bit-stream converter.

25. (Currently Amended) The hearing aid system according to claim ~~17~~22, wherein said ~~output signal is delivered by~~digital/analogue converter comprises a sigma-delta converter.

26. (Currently Amended) The hearing aid system according to claim 17, wherein said ~~output signal is tapped from said voltage dividing network~~ is connected to receive an output from said digital amplifier and to feed to said output stage, wherein a supply voltage for said amplifier output stage is tapped from~~transducer an attenuated version of said voltage dividing network.~~test signal.

27. (Currently Amended) The hearing aid according to claim ~~24~~17, ~~comprising an amplifier output stage, wherein a supply voltage for said amplifier output stage is tapped from said voltage dividing network.~~wherein said voltage dividing network is connected to attenuate a supply voltage for said digital amplifier.

28. (Currently Amended) A hearing aid adapted for in-situ fitting, said hearing aid comprising ~~an~~ a digital amplifier, attenuation means and an output transducer, ~~and~~
said hearing aid being adapted for selective operation in ~~at least one of~~ a first mode and a second mode, ~~said amplifier~~

said hearing aid being adapted to ~~generate, operate~~ in said first mode, ~~to generate by said digital amplifier~~ an amplifier output signal within a first dynamic range, extending between an amplifier noise level and a maximum output level, ~~said attenuation means~~

and said hearing aid being adapted to ~~attenuate~~operate, in said second mode, to feed to said digital amplifier a test signal, and to generate by said digital amplifier an amplifier output signal so as to extend within a second dynamic range, which second dynamic range is shifted to lower levels relative to said first dynamic range.

29. (Previously Presented) The hearing aid according to claim 28, wherein said attenuation means comprises a voltage dividing resistor network.

30. (Previously Presented) The hearing aid according to claim 29, wherein said resistor network comprises fixed value resistors.

31. (Currently Amended) The hearing aid according to claim 28, wherein said digital amplifier is a switch mode amplifier, and wherein said attenuation means comprises means for attenuating a supply voltage for said switch mode amplifier.

32. (Currently Amended) The hearing aid according to claim 28, wherein said attenuation means comprises means for attenuating an output signal from said digital amplifier.

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33. (Currently Amended) The hearing aid according to claim 28, comprising a microphone and a selector switch-, which selector switch is adapted to selectively connect said microphone to, or disconnect said microphone from, said ~~processor-~~digital amplifier.